

## ABSTRACT:

Methods for the inhibition of angiogenesis are presented, comprising affecting the response of the EDG-1 receptor by the administration of pharmaceutically effective antagonists of EDG-1 signal transduction. This invention is based in part on the discovery that Akt protein kinase phosphorylation is required for endothelial cell chemotaxis mediated by the EDG-1 G protein-coupled receptor. This invention relates to the use of modifiers of EDG-1 signal transduction to treat disorders of undesired angiogenesis.